Application No. 10/731,972

please enter K.DINH 1/4/08

## Amendments to the Specification:

Please replace the paragraph beginning at page 10, line 8, with the following redlined paragraph:

14/08 | 14/08

Please replace the paragraph beginning at page 17, line 1, with the following redlined paragraph:

At a block 404, conversion of nested rules into their sum of products or "minterm" representation is performed. In this minterm form, a nested rule is broken down into a set of minterms summed together. Although the nested rule may have both "&" and "]" operators, each minterm will have only the "&" operator. For example if  $r_n$  is a nested rule, and  $r_a$ ,  $r_b$ , and  $r_c$  are simple rules satisfying the relation  $r_n = (r_a \mid r_b) \& r_c$ , the nested rule  $r_n$  can also be represented as  $r_n = (r_a \& r_c) \mid (r_a \& r_c)(r_b \& r_c)$ . The minterms of the nested rule  $r_n$  are thus  $(r_a \& r_c)$  and  $(r_a \& r_c)(r_b \& r_c)$ . These minterms may be placed in a minterm table or other suitable data structure.